

FIG-1

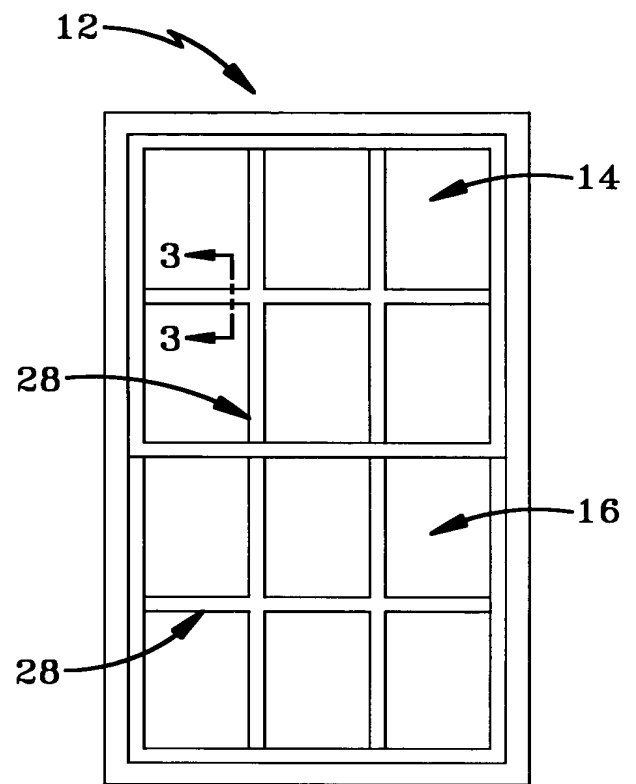


FIG-2

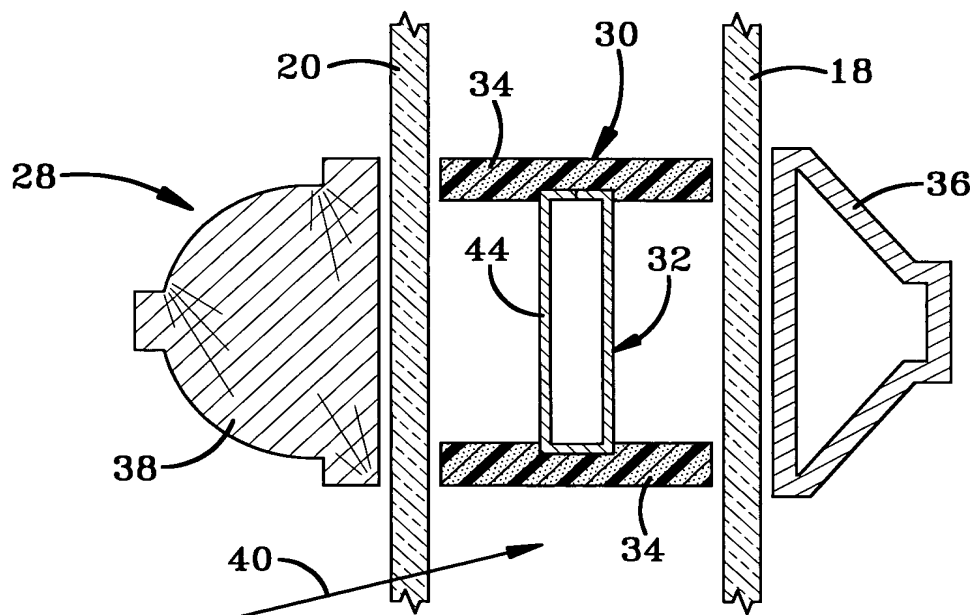
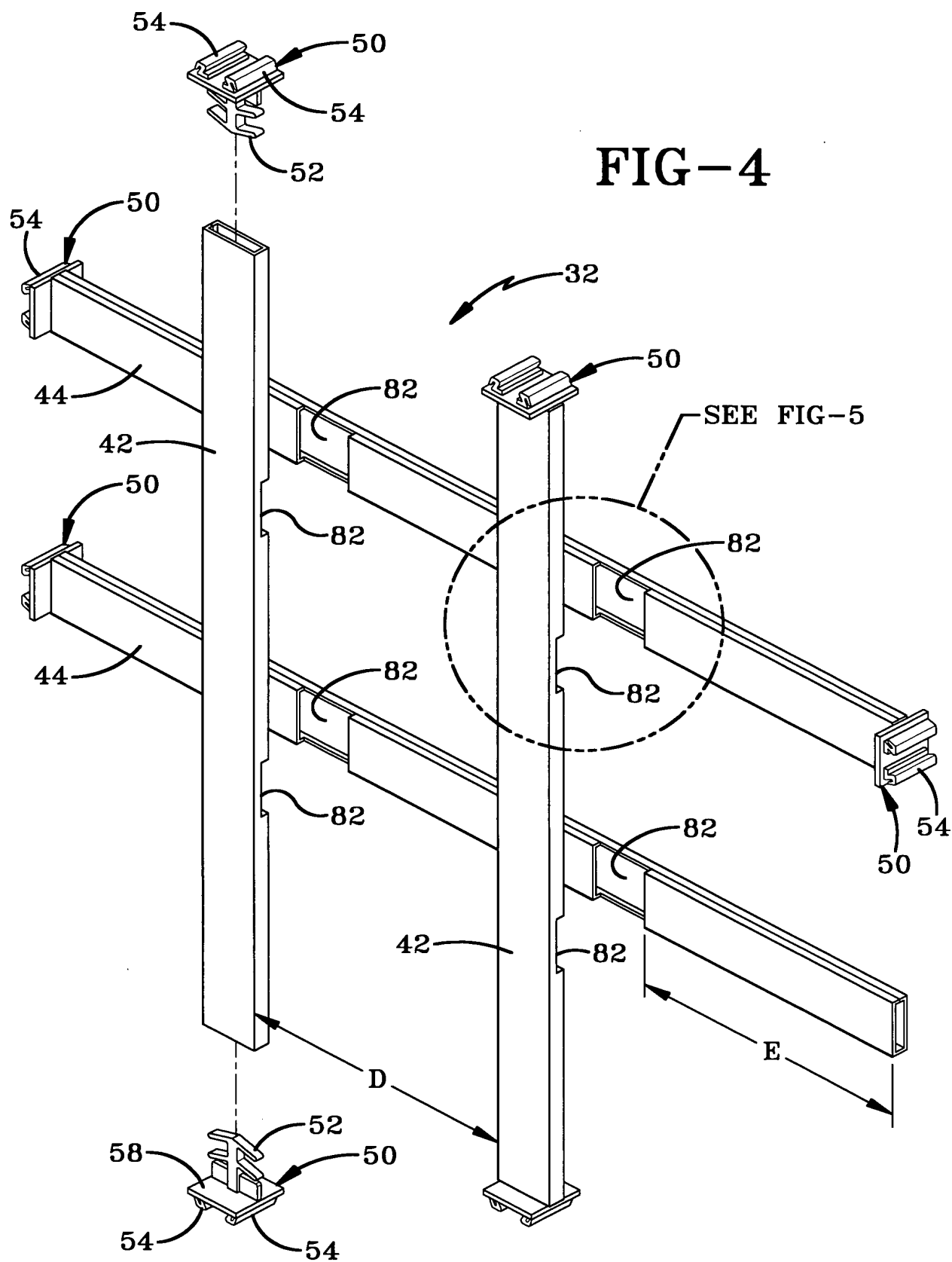
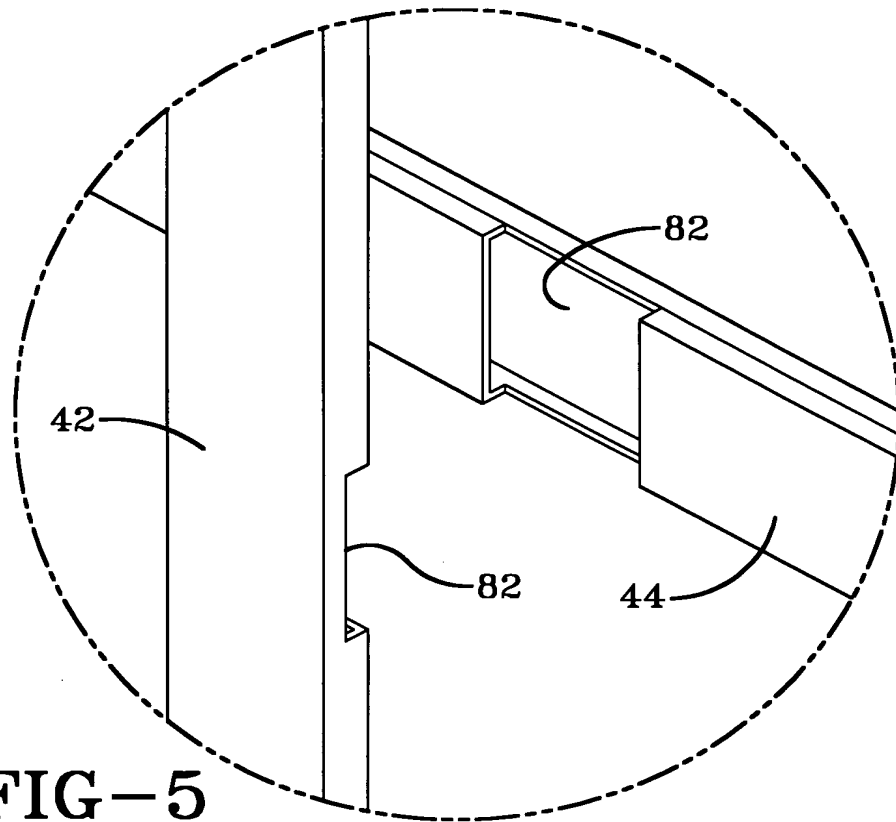
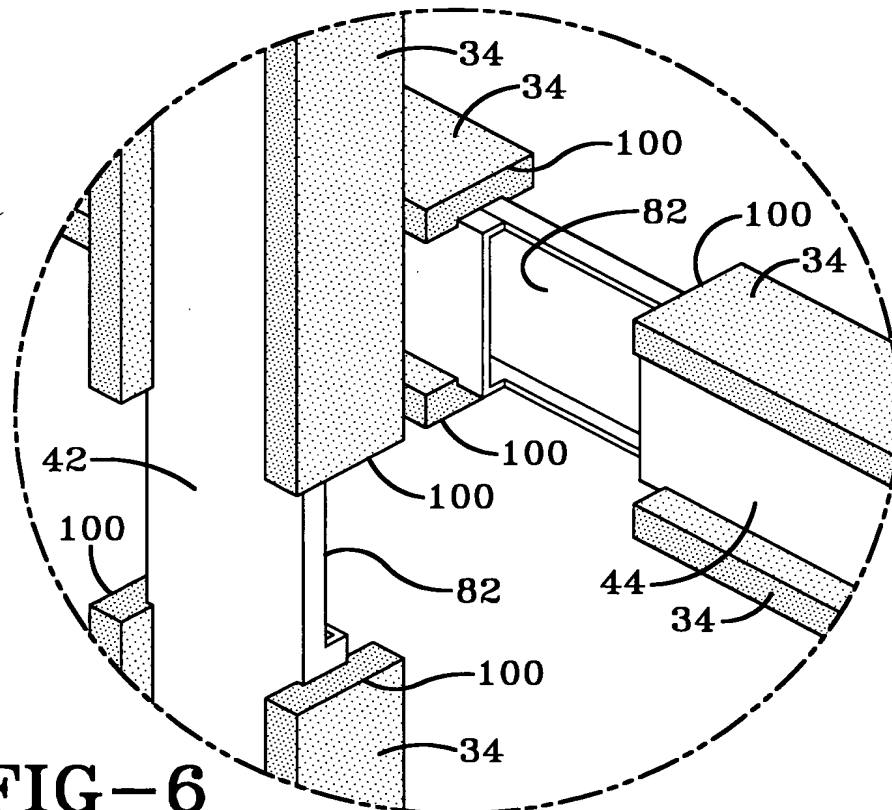


FIG-3





**FIG-5**



**FIG-6**

FIG-7

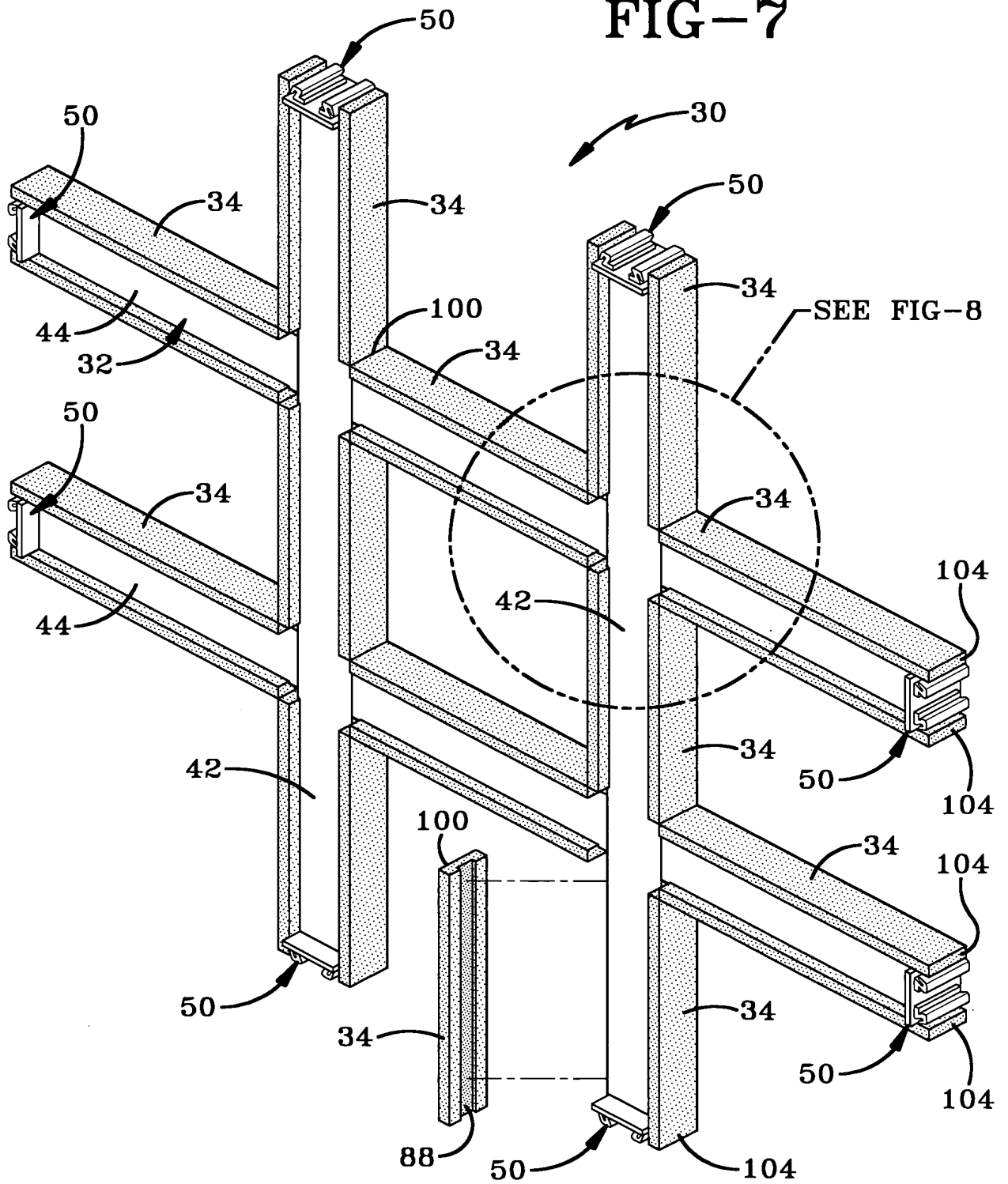
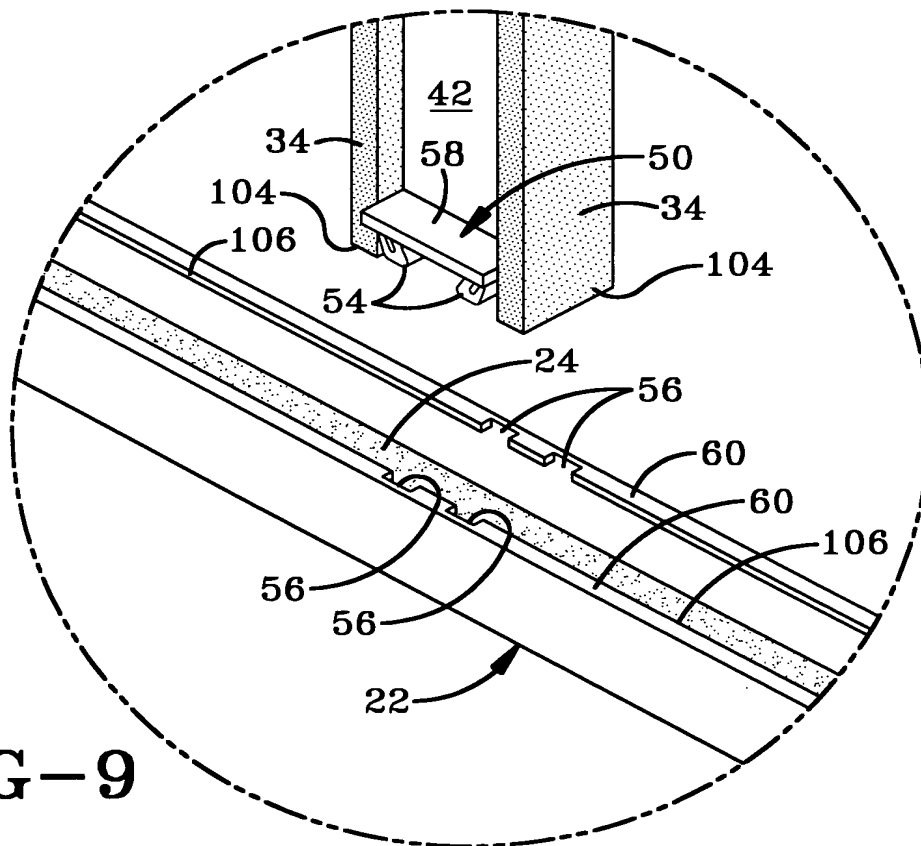
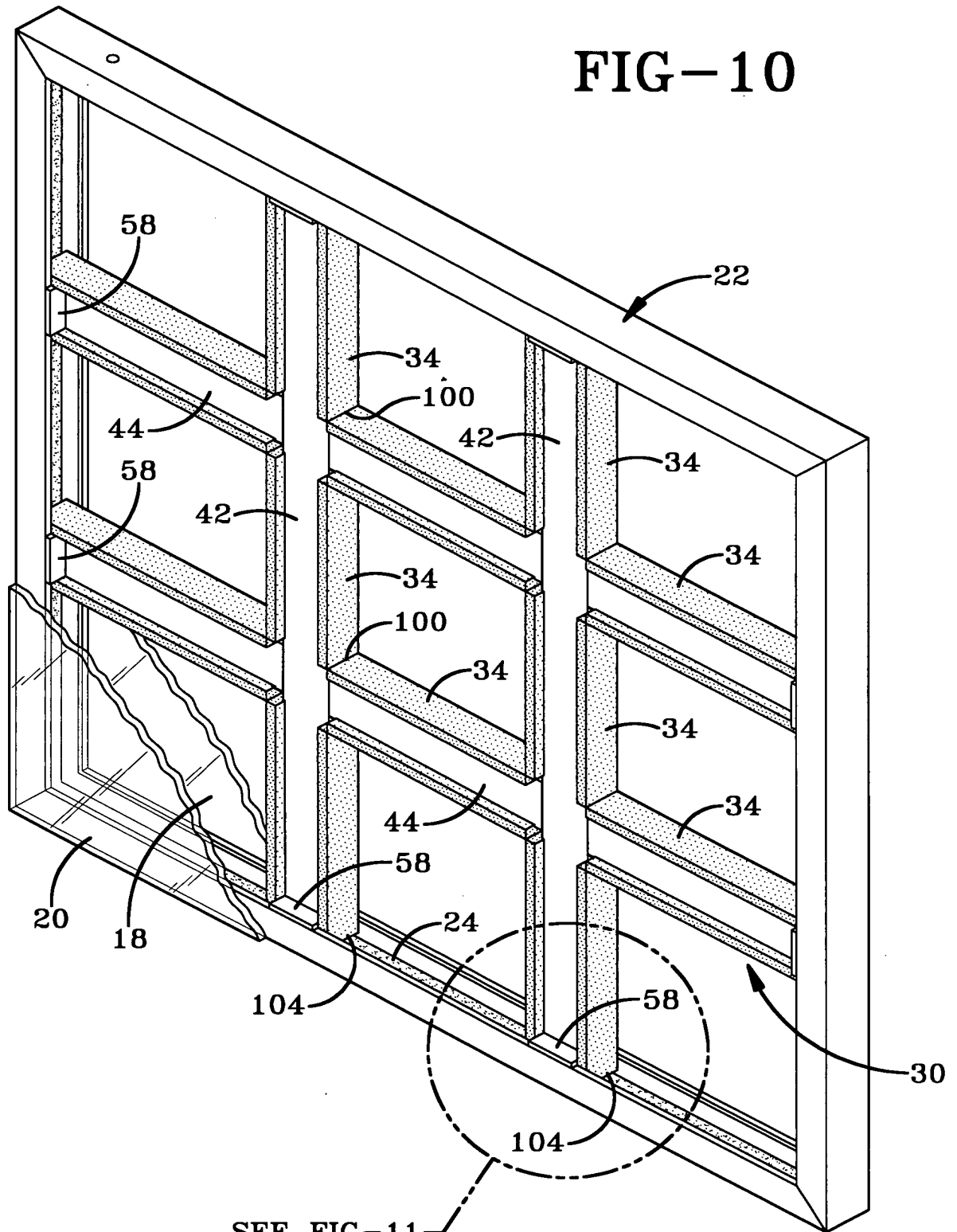


FIG. 8 is a schematic diagram of a circular structure, possibly a cross-section of a ring or a similar mechanical component. The structure is divided into four quadrants by a central vertical axis (102) and a central horizontal axis (100). Each quadrant contains a horizontal bar (34) and a vertical bar (42). The horizontal bars are connected to the central vertical axis (102) at their ends. A force T is applied to the top-left horizontal bar (34), pointing downwards. The structure is enclosed by a dashed circular boundary.



**FIG-9**

FIG-10



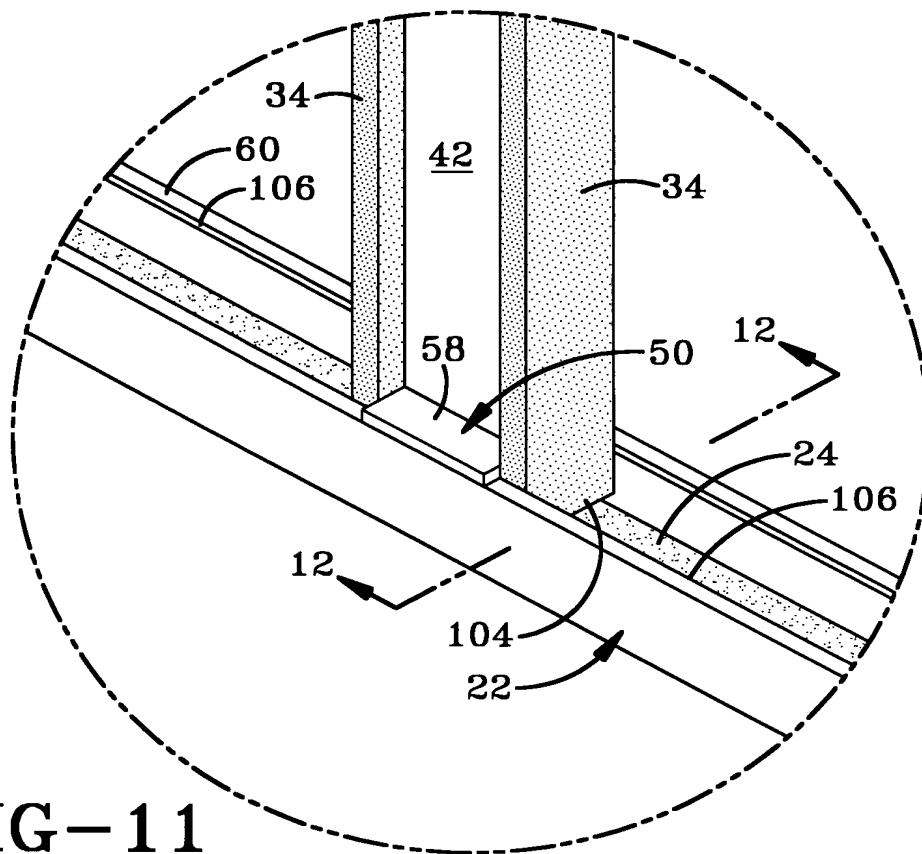


FIG-11

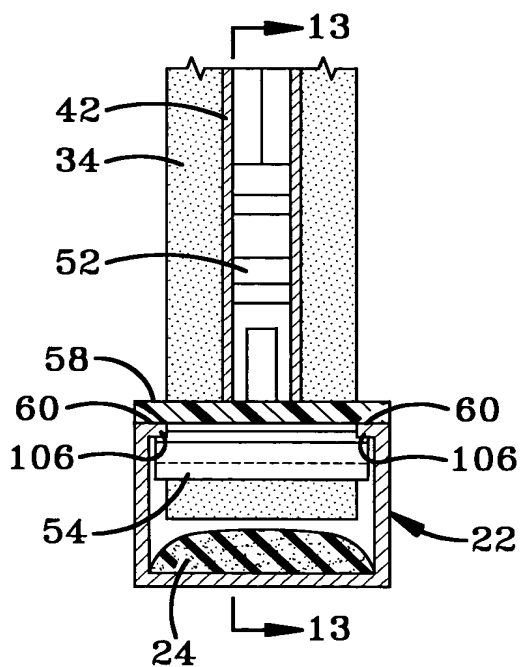


FIG-12

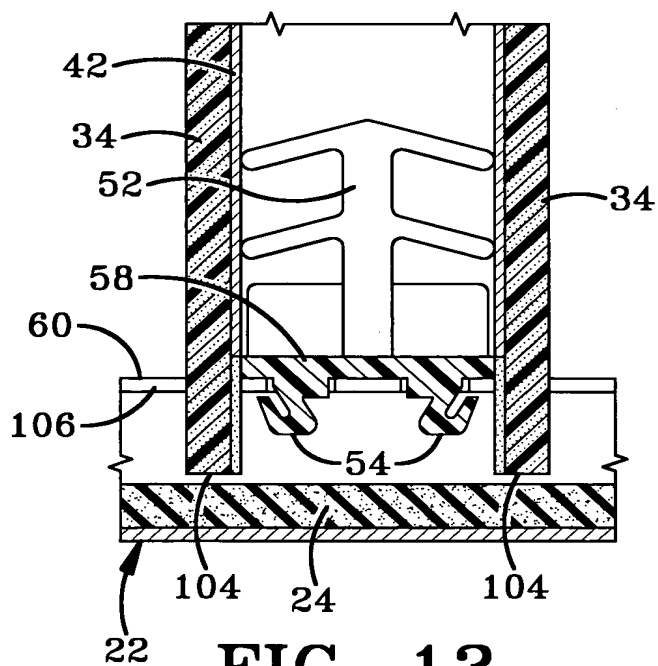


FIG-13

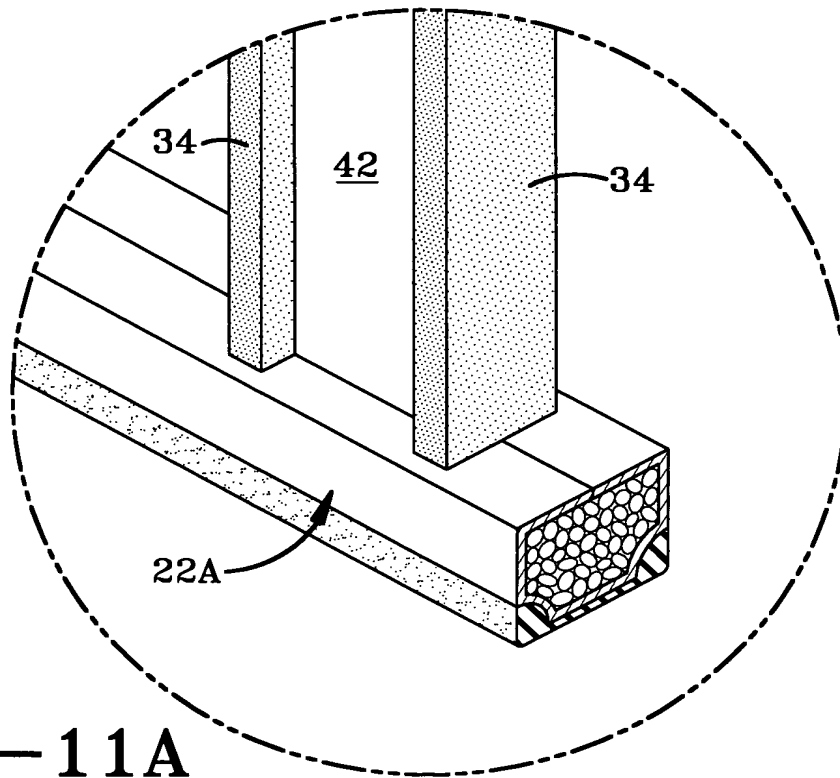


FIG-11A

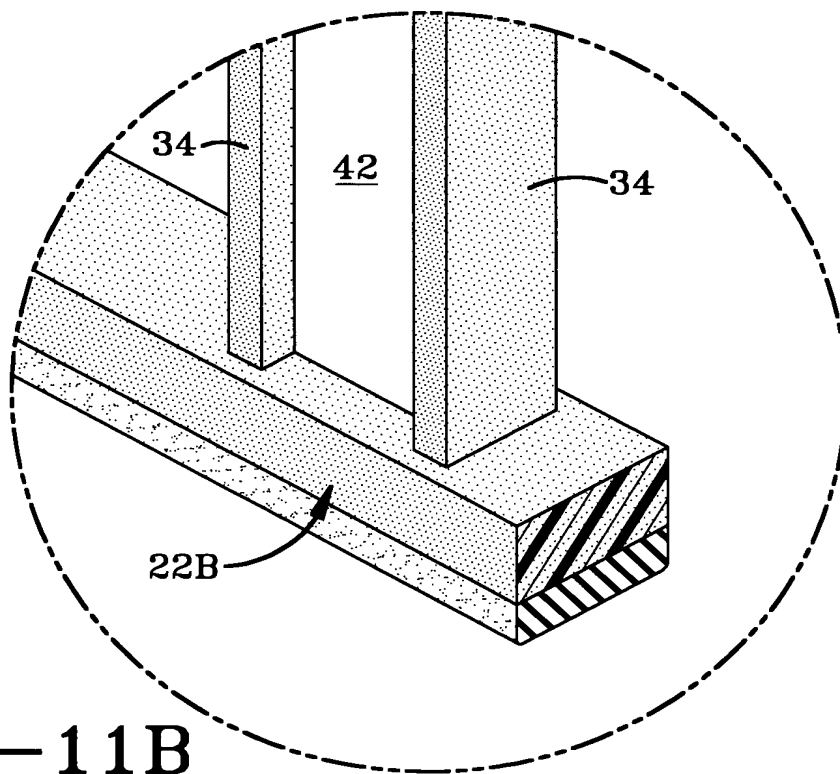


FIG-11B



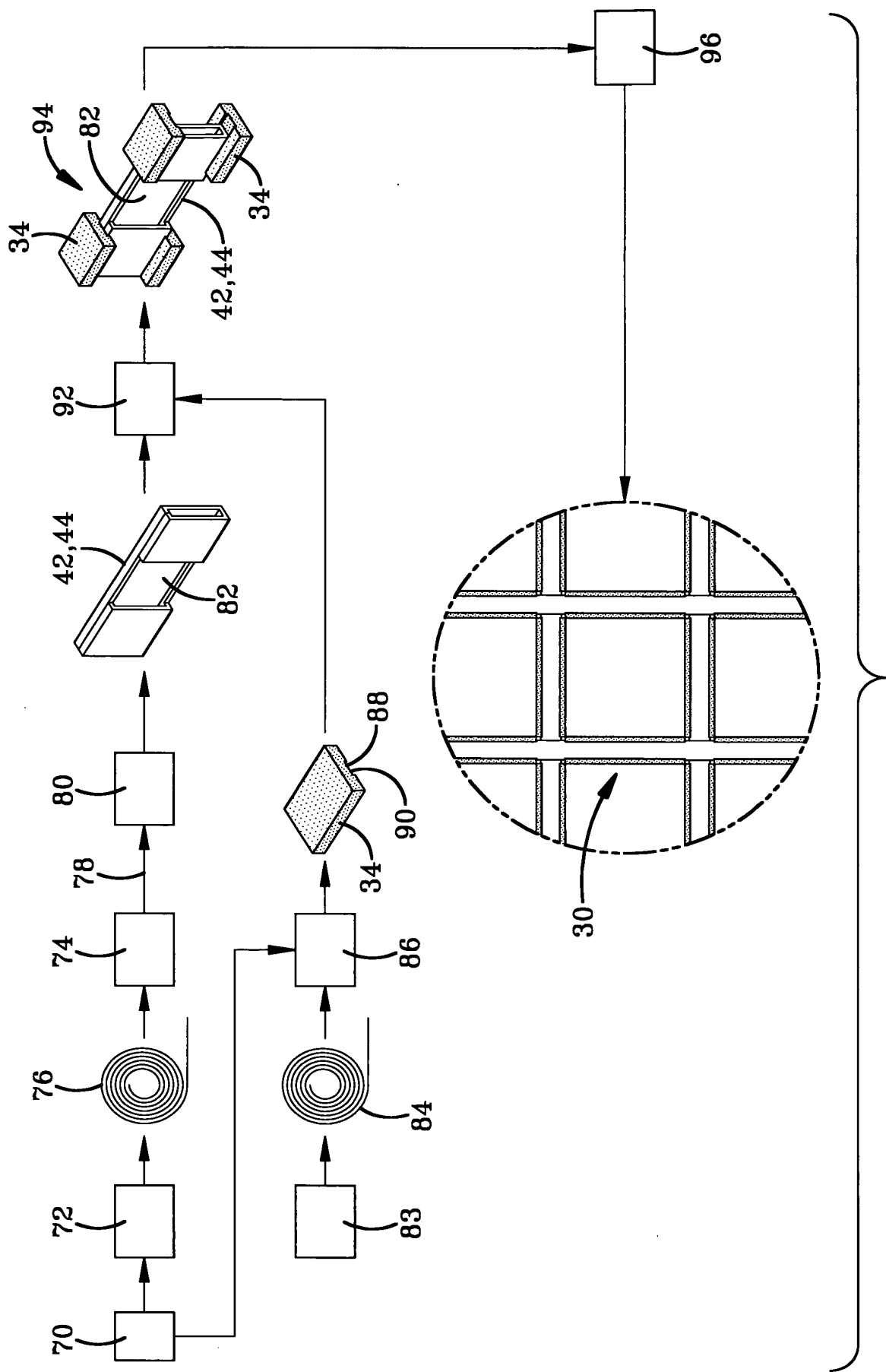


FIG-14

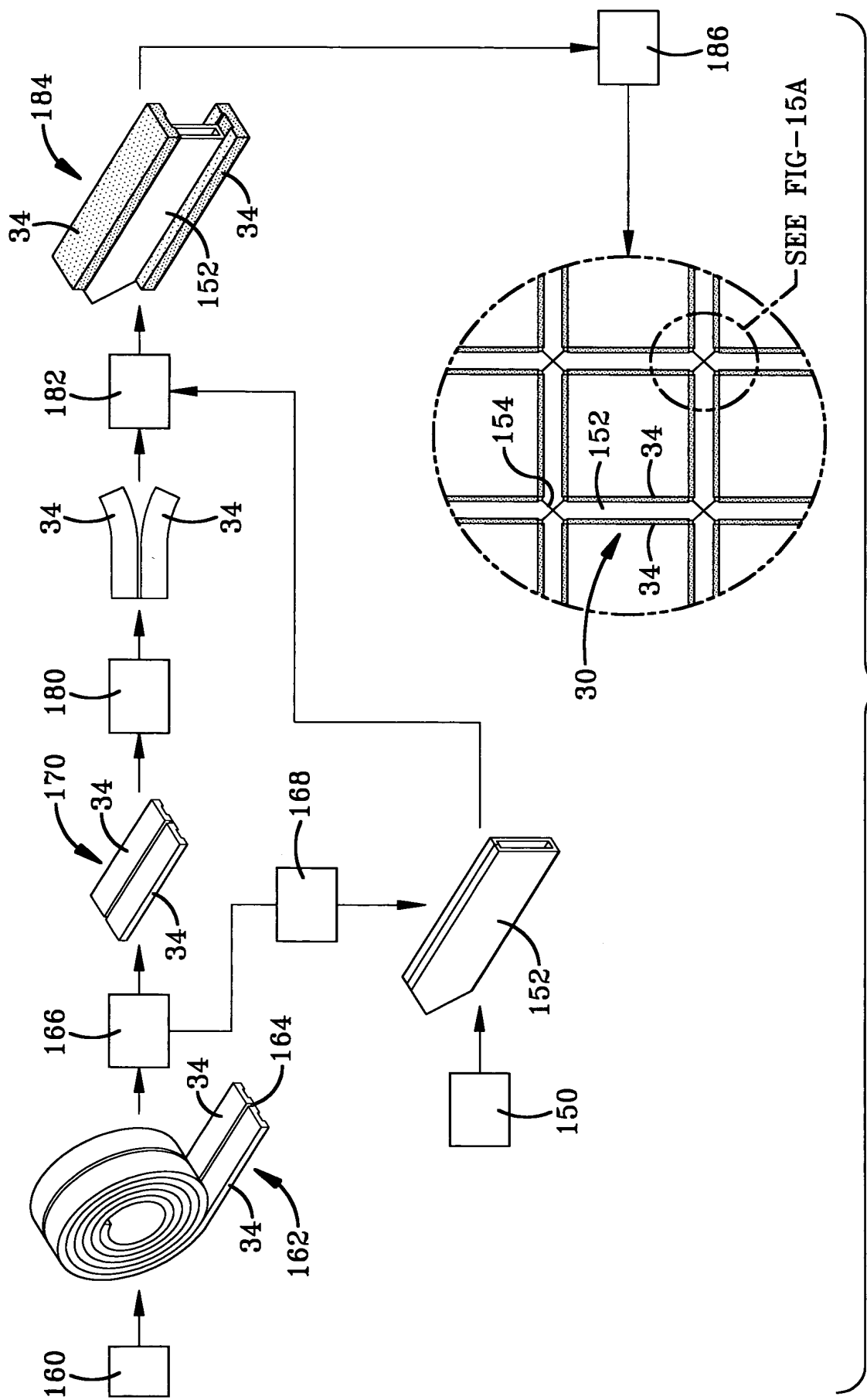
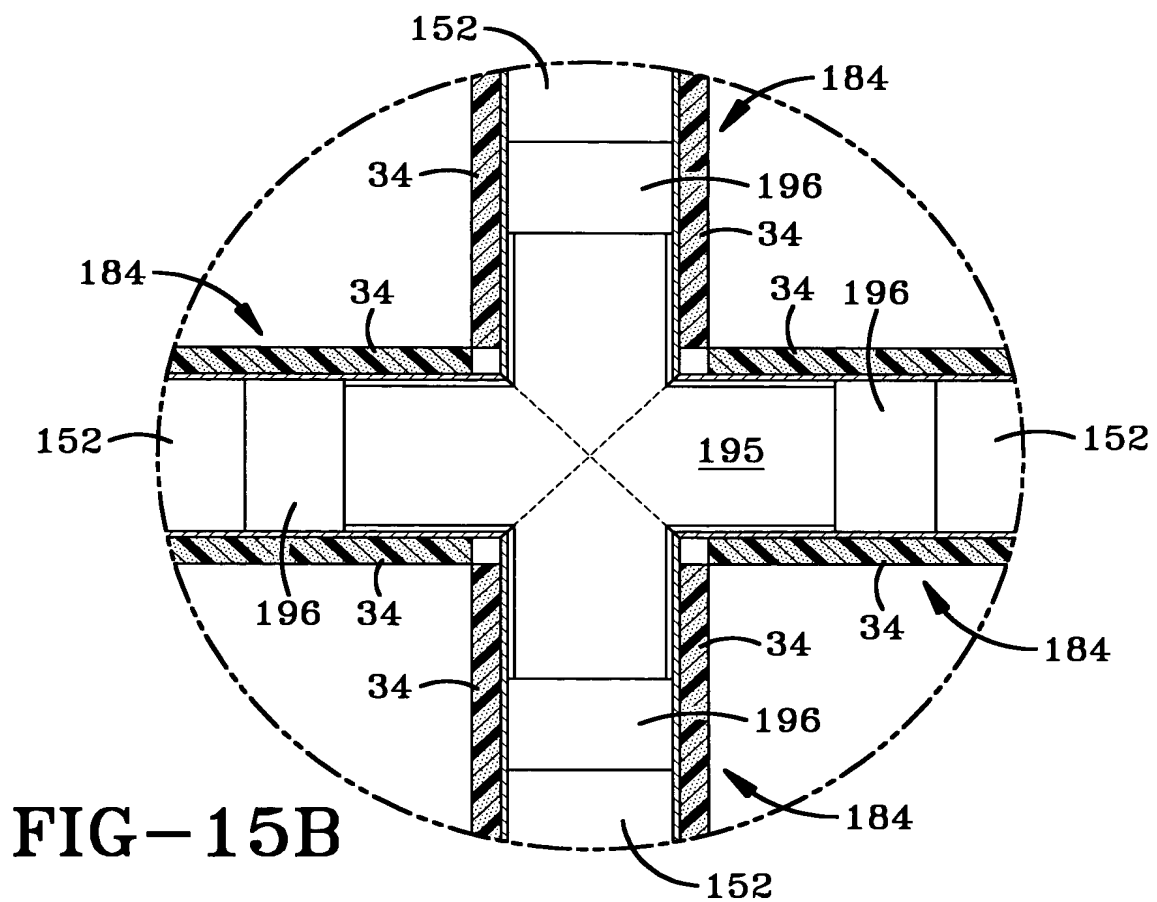
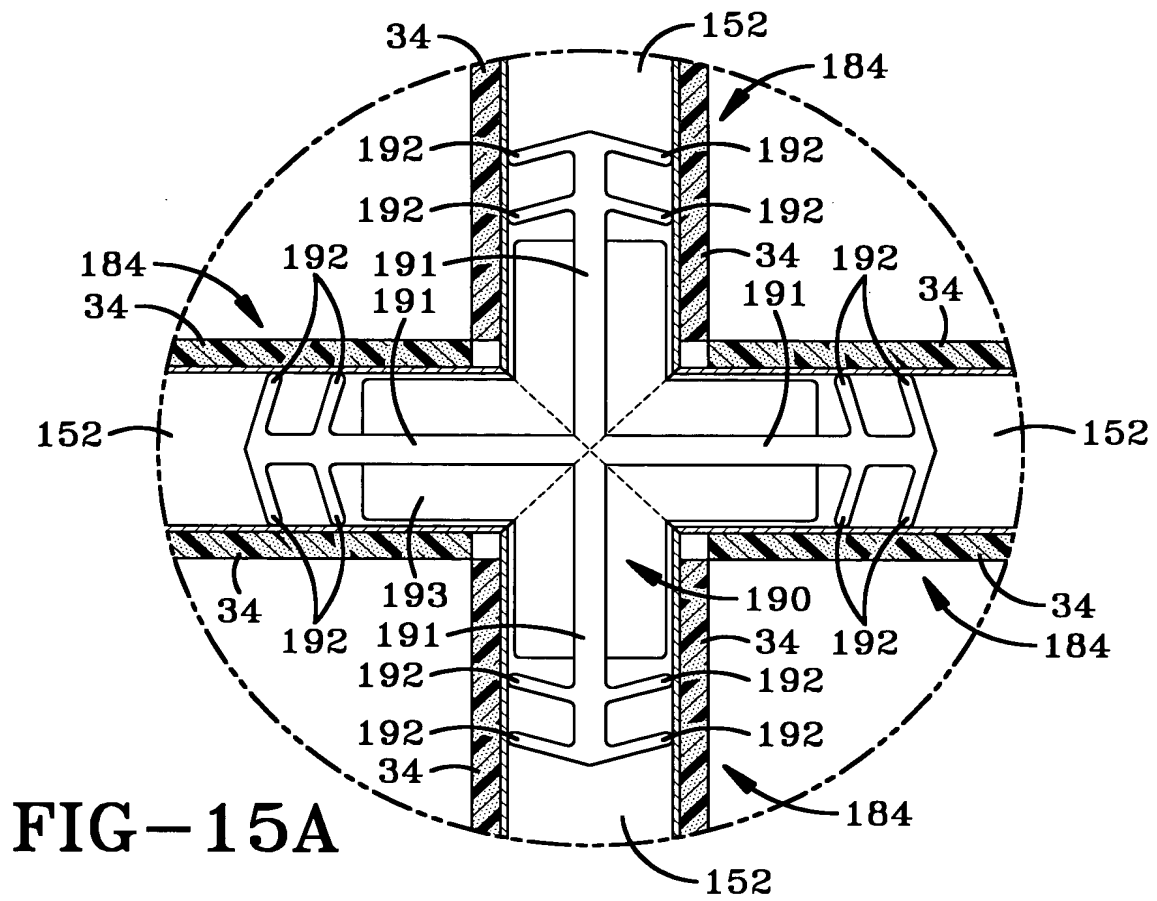


FIG-15



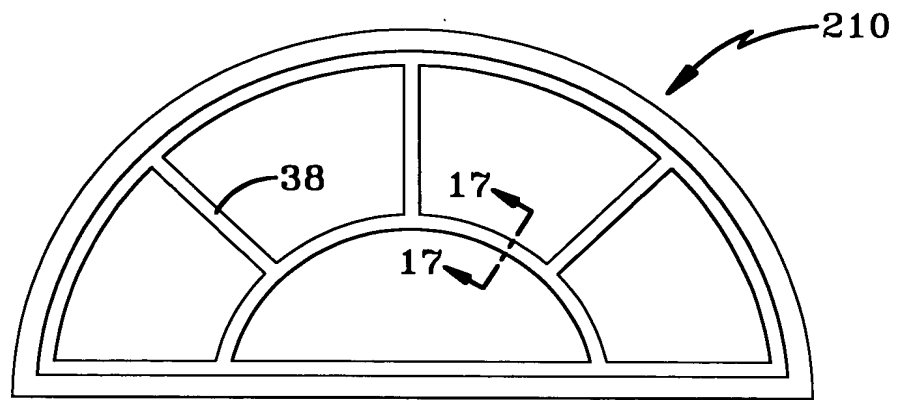


FIG-16

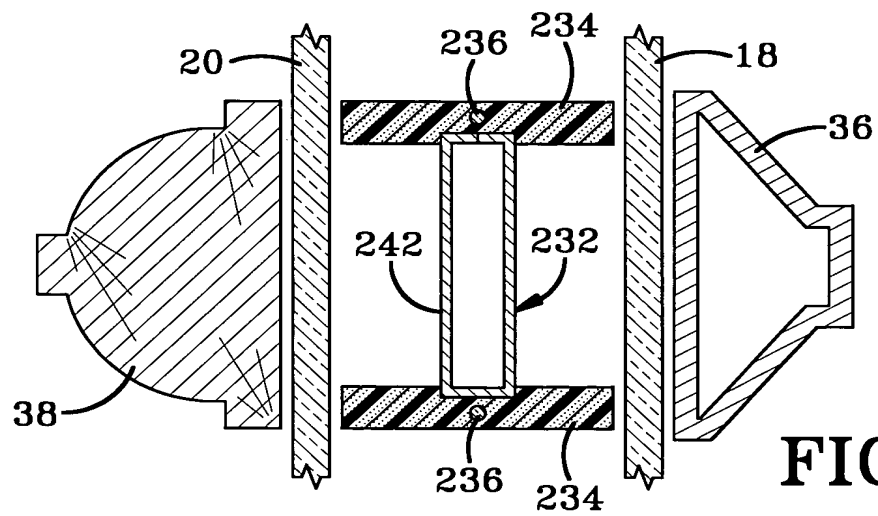


FIG-17

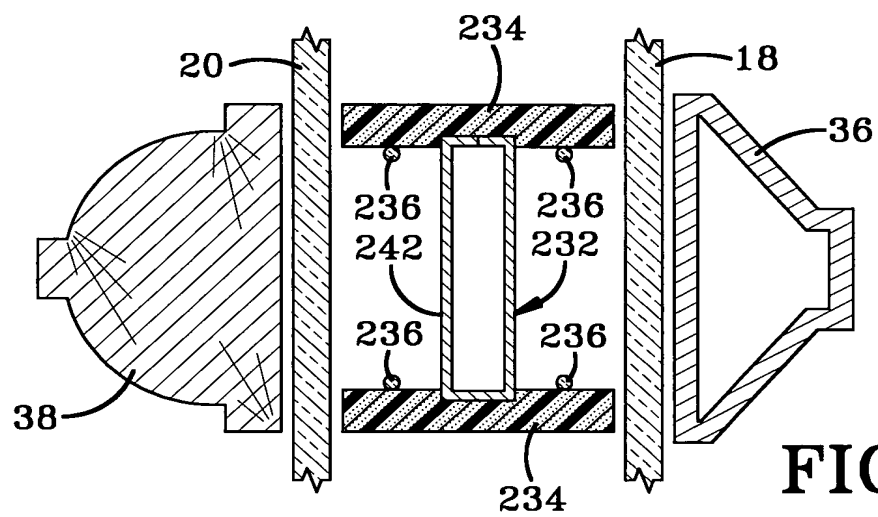


FIG-18

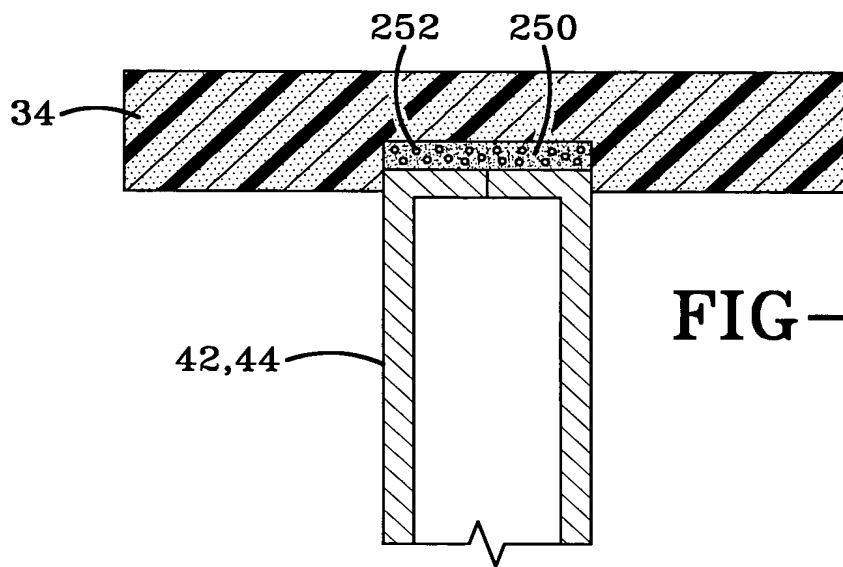


FIG-19

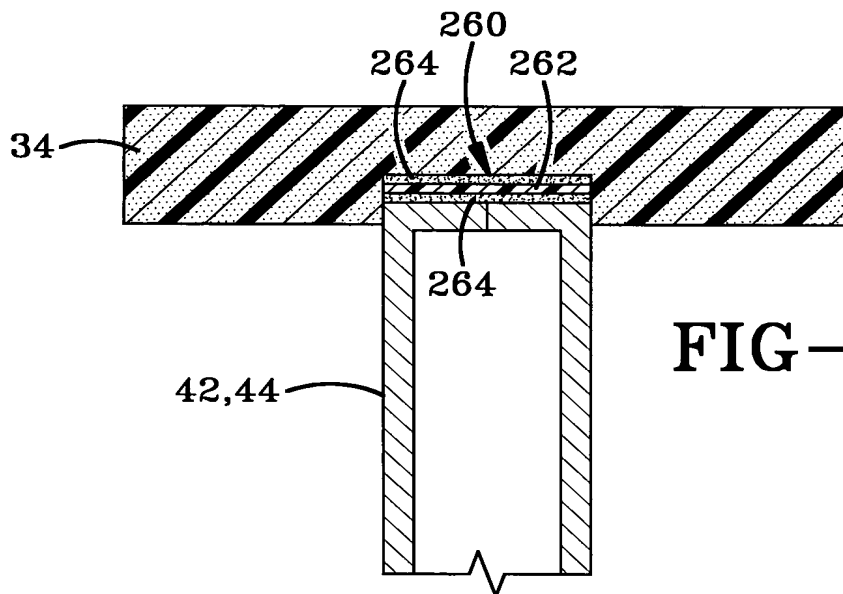


FIG-20

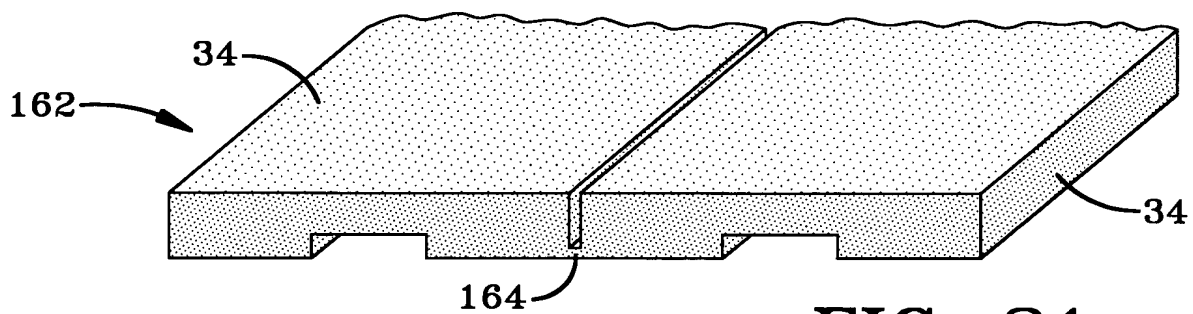


FIG-21

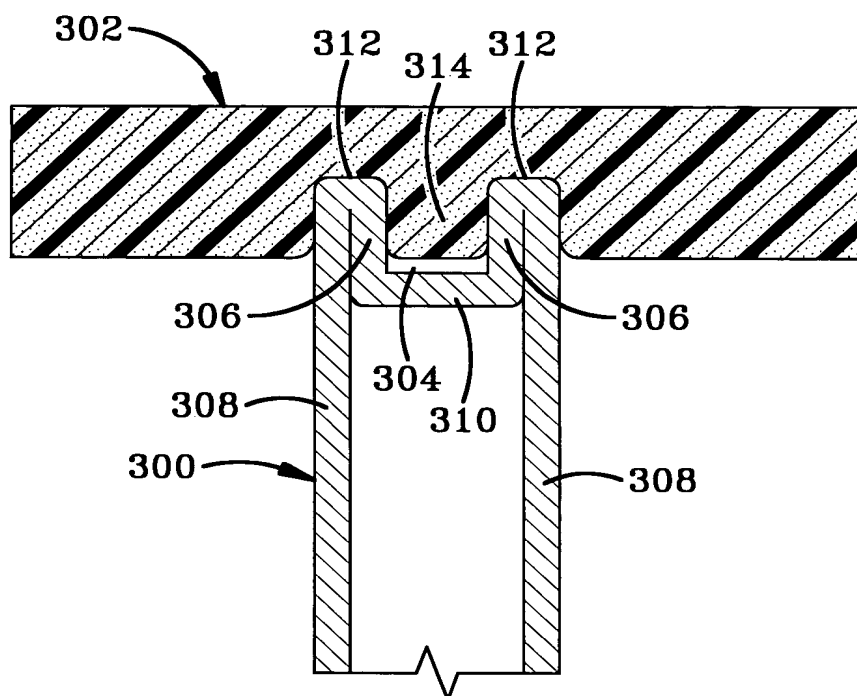


FIG-22

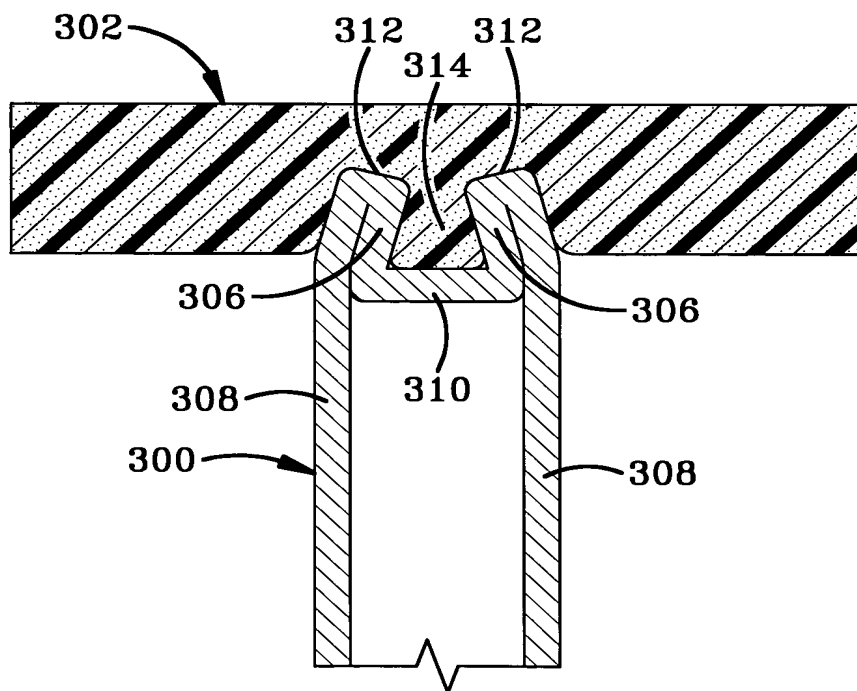
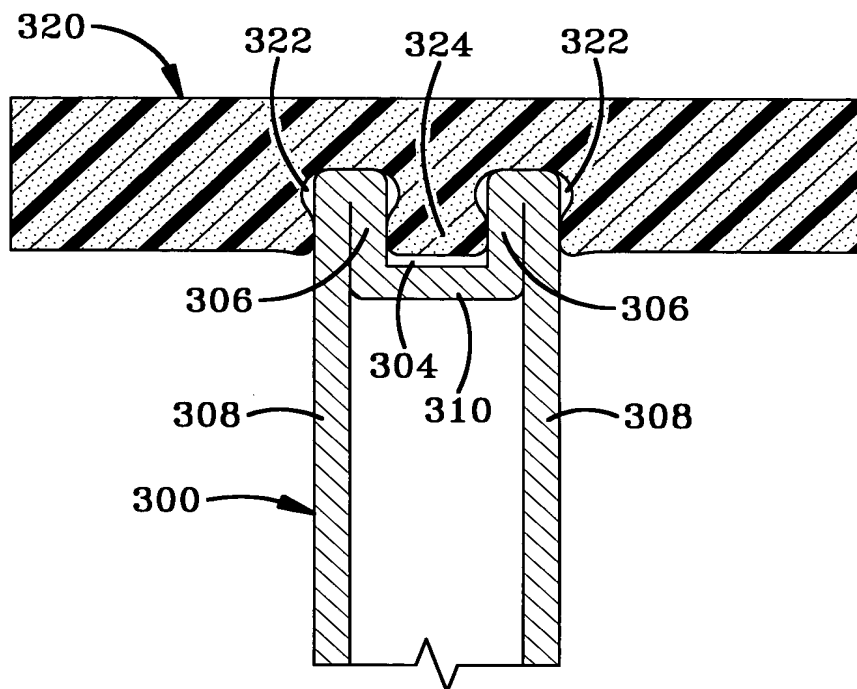
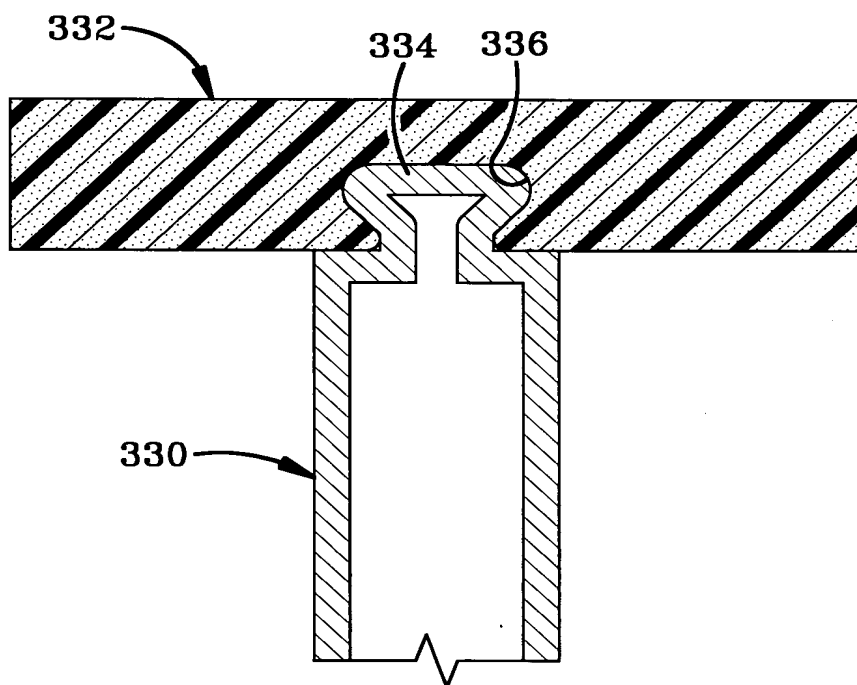


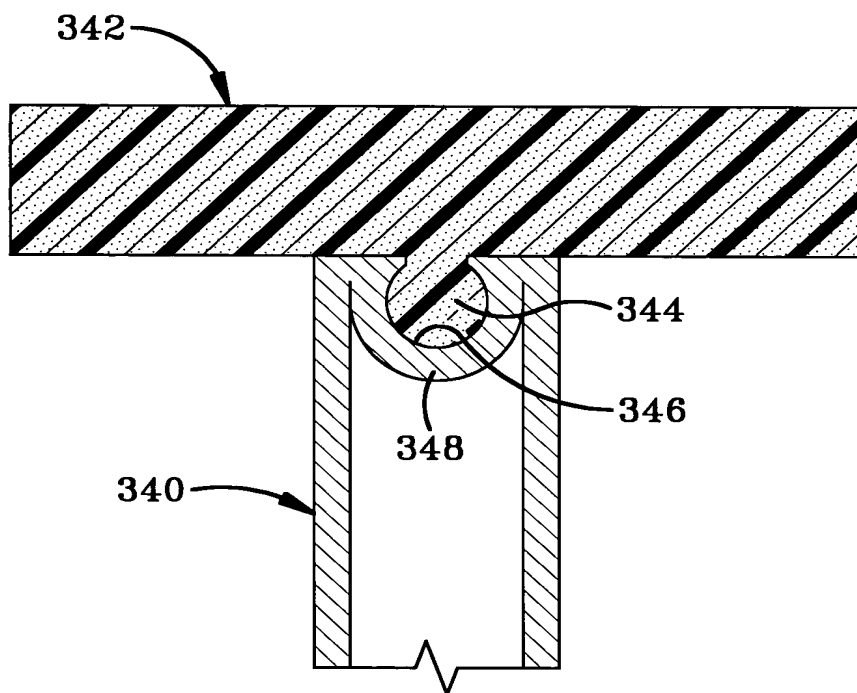
FIG-22A



**FIG-23**



**FIG-24**



**FIG-25**



